IOT Application Development - 2016

Who We Are:
A 11-member team that provides custom application development services to state agencies.

Our Mission:
To provide high-quality, innovative solutions to problems using custom application development and industry best practices SDLC processes.

Department: 493021

Manager: Alvin Wilson

When We Were Formed:
The IOT Application Development Team was formed September 2013 to provide cost-effective web and native mobile application development services to state agencies.

What We Do:
Our Custom App Development offering includes a business analyst to assess your needs and document the project, a developer assigned to your project, and a designer to create the needed graphics and user interface. We offer native mobile application development primarily iOS and Android. We have the capability to publish to the Apple and Google app stores for public facing apps and can also deliver internal apps written specifically for your mobile workforce to make them more productive. We can also securely deliver to these in-house apps to mobile devices wirelessly over the air. We offer web and native applications written in the .NET framework. We can tie into your existing data or create a database for you to hold your data.

Our Products:

1170	Application Development – Standard Level
1170S	Application Development – Senior Level
1170M	Application Maintenance

Our Tools:

vFire	Ticket Management and SLA Measurement
Agile SCRUM Methodology	Manage application development projects
Android Studio	Android Integrated Development Environment
PHP Storm	PHP Integrated Development Environment
SourceTree	Graphical source control tool for branching and merging
Team Foundation Server	Project tracking and code source control
Visual Studio 2015	.NET Integrated Development Environment
Xcode	iOS (Apple) Integrated Development Environment

Our Metrics:
A Project Charter accepted by our department and our customer drives our metrics. Within the Project Charter, we define such elements as timeline, scope and cost. We also offer optional software maintenance and support.

Our Customers:
All state agencies. Some current customers include DOE, DHS, DNR and ISDH.

Our Budget: $3 million

Major Accomplishments:
- Complete application support of DOE's Migrant Program including web and mobile apps.
- Complete re-write of DNR's iOS and Android mobile app.
- Updates to BMV's mobile app and a planned re-write.

Current Projects:
- myBMV mobile app rewrite
- DHS mobile photo upload app
- ISDH SUIDI mobile app
- ISDH IPA mobile app
- STAD (JTAC) eCWS mobile ticketing iPad app
- DOE MIDAS web application
- DOE MEP Migrant mobile app
- IOT Service Order Forms application